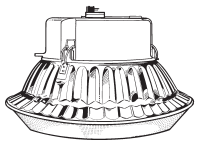
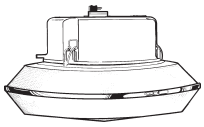
GE
Lighting Solutions

GEH-3894C

INSTRUCTIONS
Ballast and Optical Asembly for Versaglow®, Conserva® 150, 400 and Minimite®



CONSERVA 150, 400
C1S, C4S



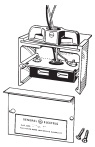
VERSAGLOW 150, 250
V1G V2G

MINIMITE
MMI

MINIMITE
MML

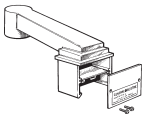
MPM-C

MPM-3PR
MPM-3PRW

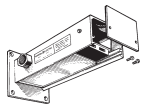


MPM-3PF

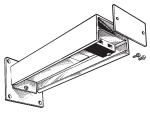
MPM-0BC



MPM-5ASW



MPM-W3TFW



MPM-WW

READ THOROUGHLY BEFORE INSTALLING

WARNING

Risk of electric shock
- Turn power off before servicing – see instructions

GENERAL

The ballast assembly, optical assembly, and hanging hardware are separately packaged. Check to insure that unit is not damaged and verify that correct material has been received.

If the luminaire you ordered has a polycarbonate refractor, please pay particular attention to the following statement:

All polycarbonates and articles made from polycarbonates, will yellow with time. The rate of yellowing is determined by the specific material, any additives and coatings, as well as the optical temperature and exposure to ultraviolet (UV) light.

This yellowing can reduce the light output and impact resistance of products made from polycarbonates. In no case should the maximum voltage recommendations listed for the luminaire be exceeded. Contact factory for more information.

MOUNTING

CAUTION

Unit will fall if not installed properly
- Follow installation instructions

TO ATTACH LUMINAIRE TO SURFACE MOUNTED HANGING HARDWARE MPM-C

Remove wiring compartment cover plate from hanging hardware. Slide luminaire extrusion fully into hanger extrusion. Replace cover plate. The cover plate is necessary to seal wiring chamber and lock luminaire into hanging hardware.

TO ATTACH LUMINAIRE TO RIGID CONDUIT HANGING HARDWARE

MPM-3PRW (For Wet Location, Enclosed Minimite(MMI), Minimite(MML), and Conserva 150(C1S) only)

MPM-3PR

Remove cover plate from hanging hardware. Slide luminaire extrusion fully into hanger extrusion. Replace cover plate. Cover plate is necessary to seal wiring chamber and lock luminaire into hanging hardware.

TO ATTACH LUMINAIRE TO NON-RIGID CONDUIT MPM-3PF

Use same assembly procedure as for above hanging hardware. If an adjustment is necessary to center weight of luminaire in non-rigid pendant mounting, slightly loosen top screw and slide hub in relation to luminaire until luminaire hangs vertically. Re tighten top screw.

TO ATTACH LUMINAIRE TO JUNCTION BOX MOUNTED HANGING HARDWARE MPM-OBC

Slide luminaire extrusion full into hanger extrusion. When extrusions are properly engaged, a "click' should be heard as spring clip rides over cast protrusion and snaps into place.

To remove luminaire, insert screwdriver blade into hole in spring clip and pull gently downward on handle, lifting clip over cast protrusion. Grasp luminaire in both hands and withdraw it from hanger.

TO ATTACH LUMINAIRE TO WALL BRACKET MPM-WW TO WALL BRACKET MPM-W3TFW STANCHION MOUNT MPM-5ASW

(MINIMITE OPTICALS ONLY)

Remove cover plate of mounting bracket. Slide luminaire extrusion into hanger extrusion and replace cover plate. The cover plate is necessary to seal wiring chamber and lock luminaire into wall bracket.

INSTALLING OPTICAL ASSEMBLY

NOTE: For units with clampbands, assemble refractor and reflector with clampband and hardware provided.

CAUTION: DO NOT REST A COMPLETE LUMINAIRE ON THE REFRACTOR. THIS REFRACTOR IS A PRECISION OPTICAL INSTRUMENT AND WILL NOT SUPPORT THE FULL WEIGHT OF THE LUMINAIRE.

VERSAGLOW 150, 250, CONSERVA 150, 400

After hanging hardware, ballast assembly, and lamp have been properly installed according to their instructions, hook latches on ballast assembly to tabs on optical assembly. Snap retaining latches to upward position to complete installation.

MINIMITE,

After hanging hardware, ballast assembly, and lamp have been properly installed according to their instructions, pull down three latches and slip spring loops over hooks. In the case of hook, which acts as a hinge, the flat spring must be bent slightly to allow loop to be released.

WIRING

For certain voltages, open unit through reflector plate by loosening three screws, rotating plate with a small screwdriver in slot provided and lifting plate. (On some units, unit is opened by completely removing screws) Wire per instructions.

Make all electrical connections in accordance with the National Electrical Code and any applicable local coderequirements.

Verify that supply voltage is correct by comparing it to nameplate.

Do not remove insulated connectors from wires not needed for required voltage connection.

When changing voltage on reconnectable units, move only the lead with the insulated connector.

IF SINGLE VOLTAGE:

All single voltage ballasts are pre-wired such that user need only connect the supply conductors.

IF MULTIVOLT: (120/208/240/277 volts)

Connect the ballast lead with the insulated terminal to the desired voltage terminal as indicated on the ballast terminal nameplate.

IF MULTIWATT:

Multiwatt ballasts are available in various combinations of wattage. See wiring instructions on wiring tag inside the luminaire.

Replace reflector plate by reversing above procedure.
Note: Recessed area of plate must close off area around socket. Do not flip over when reinstalling.)

Note: For multivolt on switched quartz units, replace reflector plate with starred hole above capacitor.

LAMP INSTALLATION

Use only lamps specified on nameplate. Observe lamp manufacturer's recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

Lamp Tightness: The lamp should be securely inserted to NEMA-EEI Specified torque or 35 inch-pounds, which is best achieved by very firmly tightening to insure application of sufficient torque. Tightening must be sufficient to fully depress and load center contact of socket.

Lamp Tightness – Medium Base Lamp: The lamp should be tightened to a light firmness sufficient to depress the center contact.

SWITCHED QUARTZ

The switched quartz socket is secured for shipping inside main lamp socket. Remove, align and snap into starred hole provided in reflector plate. Install quartz lamp (not provided). When reflector plate is removed for multivolt units replace with starred hole above capacitor.

MAINTENANCE AND CLEANING

CAUTION

Risk of burn
- Allow lamp/fixture to cool before handling

It will occasionally be necessary to clean outside of refractor to maintain light levels. Frequency of cleaning will depend on ambient dirt level and minimum light levels acceptable to user. The refractor should be washed in a solution of warm water and any mild, non-abrasive household detergent. Wipe with soft cloth or brush. Rinse in cool, clear water. Should the optical assembly become dirty on inside, clean in above manner, and replace any damaged gasket. Use of abrasive cleaners will shorten life of refractor and refractor.

The light output of a luminaire is also dependent on age of lamp. In applications where light level is critical it may be desirable to replace lamps before they burn out. The lamp manufacturer can provide data showing how lamp light output decreases with use.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to GE Lighting Solutions.

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